

California OES Weather Threat Briefing

Saturday, December 25, 2021
9:00 AM PST

Day 1 (Saturday): Periods of heavy snow will persist across the Sierra and northern California mountains, mainly above 2,000 feet (northern coastal) 3,000 feet (inland), leading to significant travel impacts in many locations.

National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT



WEATHER KEY POINTS

12/25/21 - 12/31/21

Saturday - Friday

- Stormy weather will continue across much of the state through the holiday weekend, with several additional rounds of rain and mountain snow expected and a few thunderstorms at times through Saturday
 - 3 to 6 feet of snow are forecast over the Sierra through Monday, with even higher localized amounts likely. Snow levels will range from either side of 2,000 feet across far northern California to between 3,000 and 4,500 feet over the Sierra, with levels dropping further Saturday night through Sunday and early week. Significant travel impacts are likely.
 - Some lower elevation snow could occur down to or even below 1,000 feet by later in the weekend and the first half of the upcoming week across northern California
 - Snow levels in southern California could drop as low as 3000 feet on Saturday night into Sunday morning, with a couple inches of snow accumulation possible on the Grapevine
 - Periods of moderate to locally heavy rainfall are possible across northern California through the next few days, especially Saturday and again late Sunday into Monday
 - Rainfall rates are expected to remain below burn scar thresholds, but minor flooding is possible in poorly drained areas, and mudslides are possible along some mountain roadways
 - Strong and gusty winds will continue across many higher elevation locations through Monday, with gusts of 40 to locally 60 mph bringing additional impacts from blowing snow, particularly across northern California, and also possibly producing some minor tree damage
 - Thunderstorms are possible across the Central Coast Saturday evening
- Additional storms could bring precipitation to the state through the middle of the week, though the exact details on timing and amounts of precipitation remain uncertain at this time
 - Colder than typical temperatures are expected through much of the upcoming work week and potentially into the new year



CALIFORNIA WEATHER IMPACTS

12/25/21 - 12/31/21

| <u>Hazards / Day</u> | SAT | SUN | MON | TUE | WED | THU | FRI |
|---|--------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Non-Thunderstorm Damaging Winds | Coastal/ Inland | Inland/ Southern | All Regions | | | | |
| Snow | Coastal/ Inland | All Regions | Coastal/ Inland | All Regions | All Regions | | |
| Coastal Flooding | | | | | | | |
| River Flooding | | | | | | | |
| Thunderstorms (Wind / Hail / Tornadoes) | Coastal/ Inland | | | | | | |
| Fire Weather (Low Humidity / Wind / Dry Thunderstorms) | | | | | | | |
| Heat Risk | | | | | | | |
| Heavy Rain/Flash Flooding/ Debris Flow | Coastal/ Inland | All Regions | Coastal/ Inland | All Regions | | | |
| Cold | | | | Coastal/ Inland | Coastal/ Inland | Coastal/ Inland | Coastal/ Inland |



No Impacts



Minimal Impacts



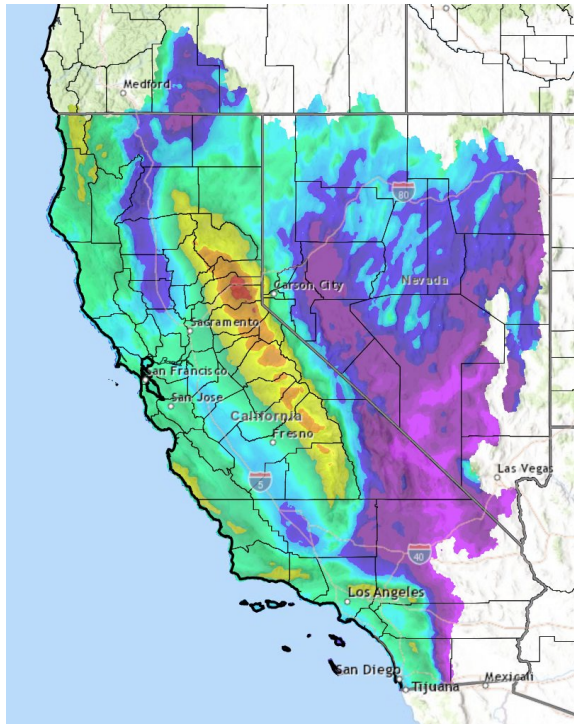
Moderate Impacts



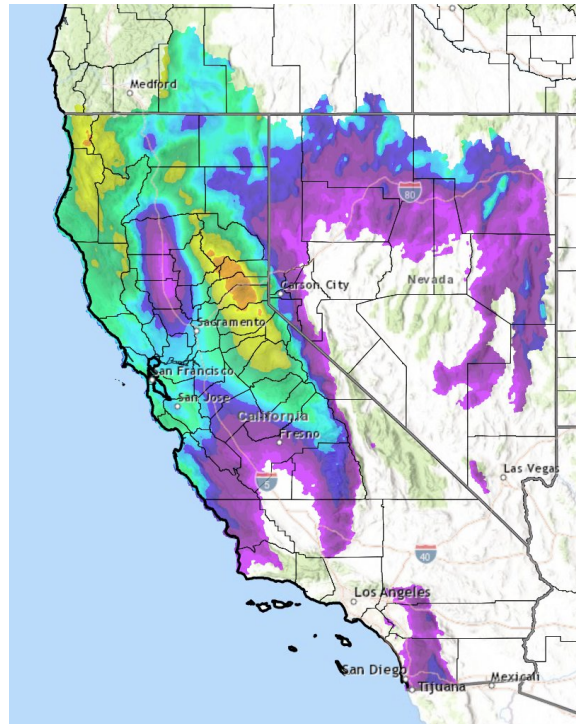
Severe Impacts

PRECIPITATION FORECAST

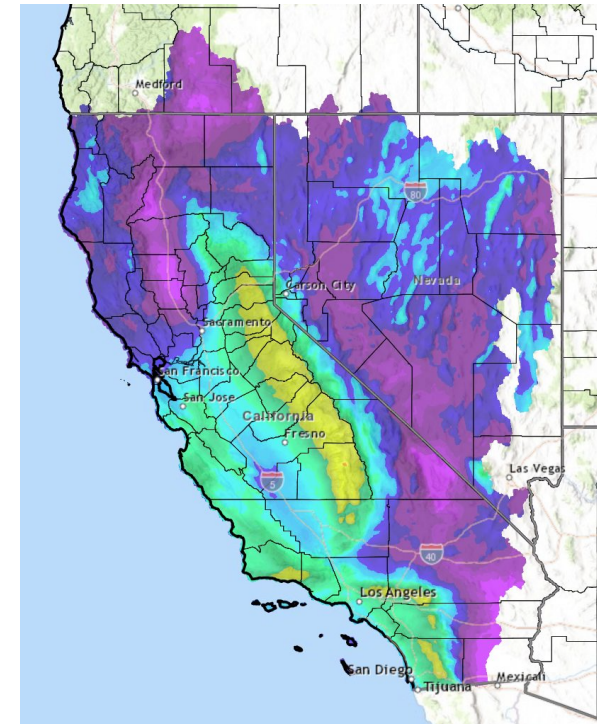
12/25/21 - 12/27/21



Saturday



Sunday



Monday

Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

Precipitation (inches)



WEATHER OUTLOOK

12/30/21 - 01/07/22

6-10 Day Outlook (December 30 – January 3)

Temperatures

- Below normal temperatures are strongly favored to continue statewide

Precipitation

- Above normal precipitation is favored for the majority of the state, with near normal precipitation favored for the northwest coastline

8-14 Day Outlook (January 1 – January 7)

Temperatures

- Below normal temperatures are favored to continue across the state

Precipitation

- Above normal precipitation is favored statewide



Information provided by:

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